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(57) Abstract: A process for producing herbicides from a fungus Alternaria alteranata f. sp. lantanae deposited as apure culture as ITCC-4896 which comprises in steps culturing the fungus in a liquid broth, subjecting the brith to the step of filtration to separate the broth containing phytotoxins from mycelium extraction the phytotoxins from said broth to obtain the phytotoxins, subjecting the phytotoxins to the step of chemical characterization.

